

L35 ANSWER 136 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1996:394179 HCAPLUS Full-text
 DOCUMENT NUMBER: 125:56388
 TITLE: Tolypocladium sp. MS 3029, deposited as CCM 8185, for
 producing cyclosporins under conditions of stationary
 fermentation
 INVENTOR(S): Satke, Josef; Matha, Vladimir; Masopustova, Iva;
 Jegorov, Alexandr; Stuchlik, Josef; Novotny, Milan
 PATENT ASSIGNEE(S): Galena, Czech Rep.
 SOURCE: Czech Rep., 6 pp.
 CODEN: CZXXED
 DOCUMENT TYPE: Patent
 LANGUAGE: Czech
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CZ 280552	B6	19960214	CZ 1994-1119	19940505
PRIORITY APPLN. INFO.:			CZ 1994-1119	19940505

AB Tolypocladium strain MS 3029, deposited as CCM 8185, is claimed for the production of cyclosporins, especially of cyclosporin A, under conditions of stationary fermentation. The inoculation suspension containing 105-106 inoculation particles/mL is inoculated into a sterilized inoculation medium and cultivated for 72 h at 24° in a rotating shaker. The inoculum is inoculated into a pH 5.8 sterilized production medium comprising fructose 40, sorbitol 40, casein enzyme hydrolyzate 40, and NH₄H₂PO₄ 2 g/L and stationary fermented for 10 days at 24°. The fermentation liquid is separated from the mycelium, the latter is disintegrated into particles <10 mm in diameter, and ultrasonically extracted into MeOH for 10 min. The process yields 2.025 mg cyclosporins/mL production medium, comprising cyclosporin A 75.1%, cyclosporin B 6.8%, cyclosporin C 17.7%, and trace amts. of cyclosporins D, F, and G.

IT 59787-61-0P, Cyclosporin C 63775-95-1P, Cyclosporin B
 RL: BMF (Bioindustrial manufacture); BPR (Biological process); BSU
 (Biological study, unclassified); BIOL (Biological study); PREP
(Preparation); PROC (Process)

(Tolypocladium sp. for producing cyclosporins under conditions of stationary fermentation)

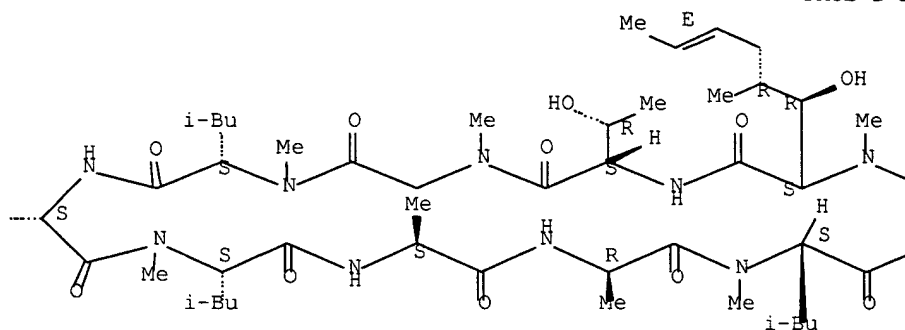
RN 59787-61-0 HCAPLUS
 CN Cyclosporin C (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

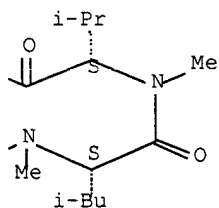
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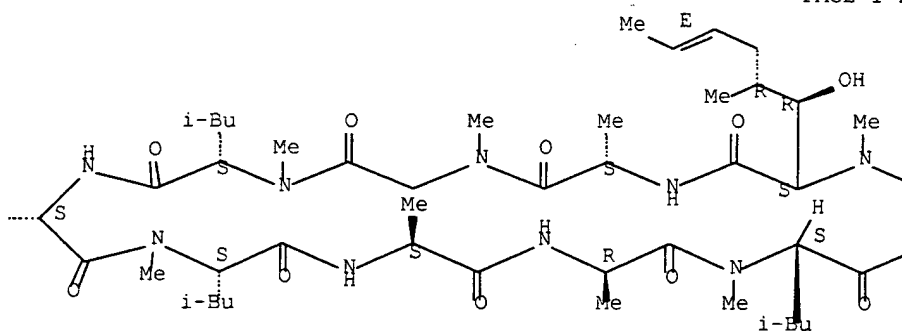
RN 63775-95-1 HCAPLUS
CN Cyclosporin B (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

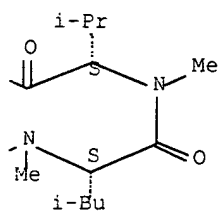
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